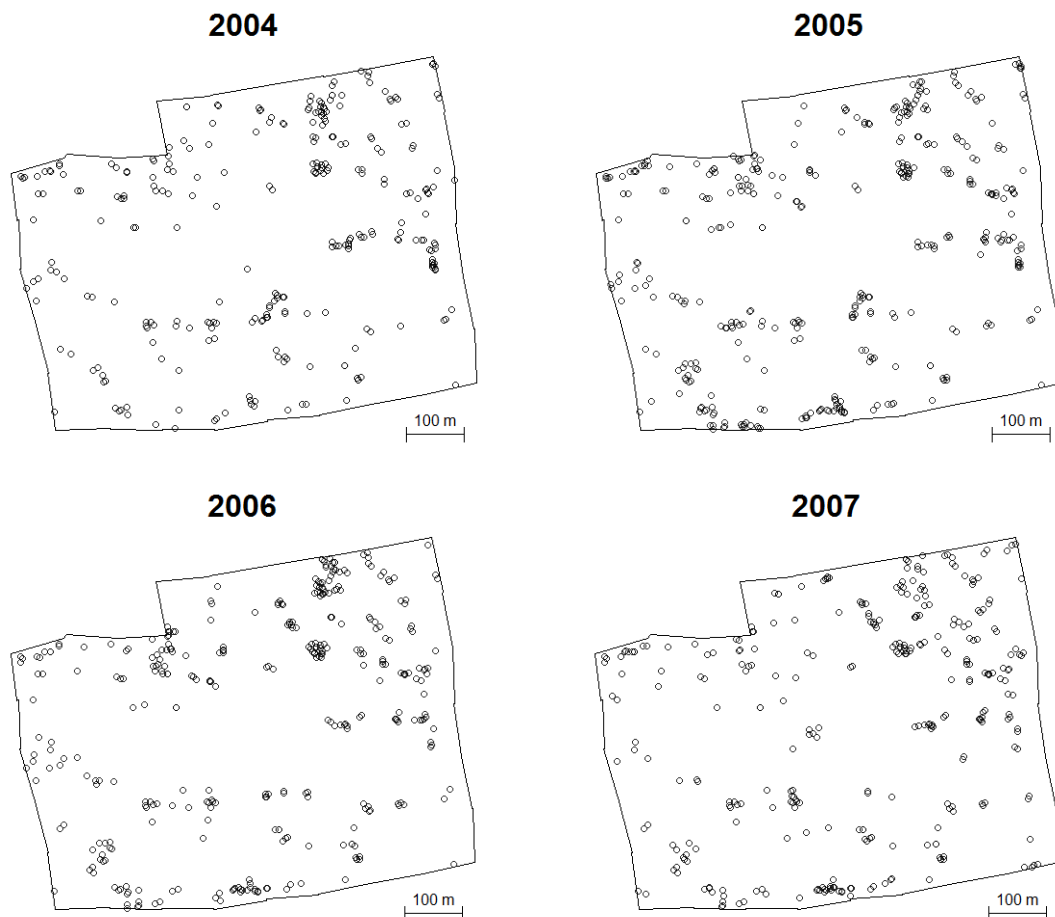


Electronic supplementary material 1: Nest and tree population, 2004-2012. Tree felling began in the plot in 2007.

<i>Year</i>	<i>Total trees</i>	<i>nests</i>
2004	10595	282
2005	10595	378
2006	10595	350
2007	8834	322
2008	8560	513
2009	6425	506
2010	7294	624
2011	6145	581
2012	5876	644

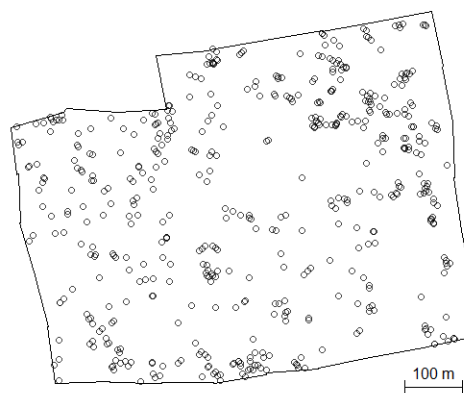
Electronic supplementary material 2: Distribution of ant nest points in the plot for years 2004-2012. Tree-felling began in 2007, eventually reducing the number of potential host sites for ant nests by one-third.



2008



2009



2010



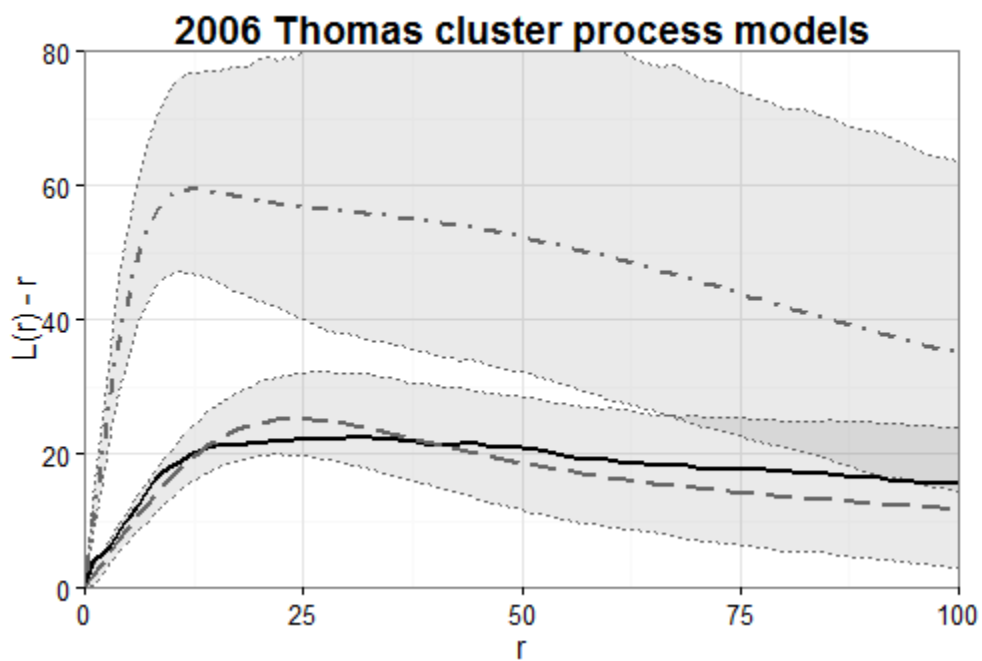
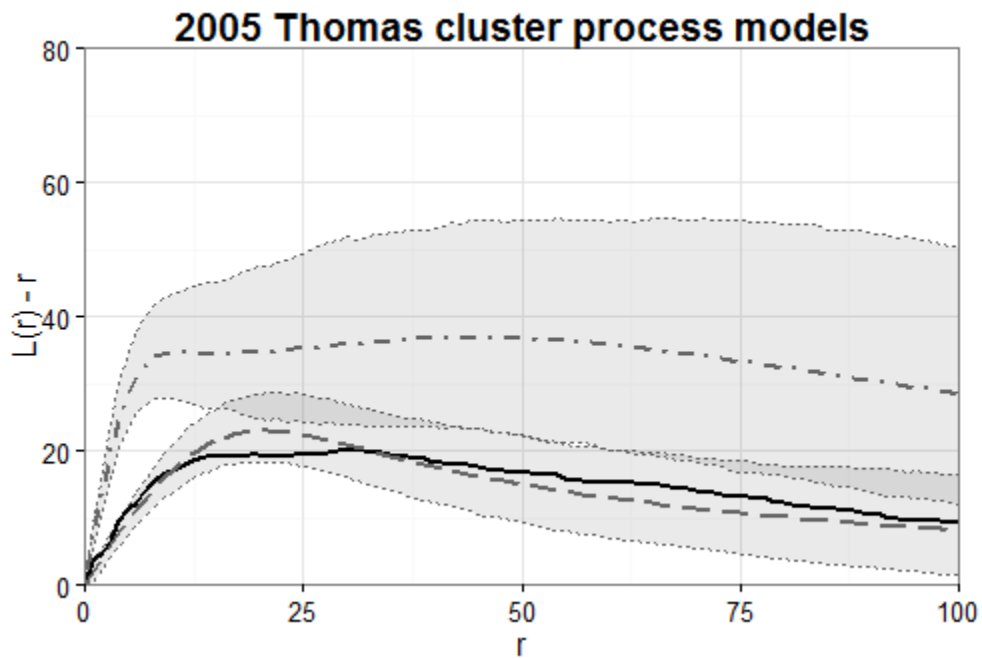
2011



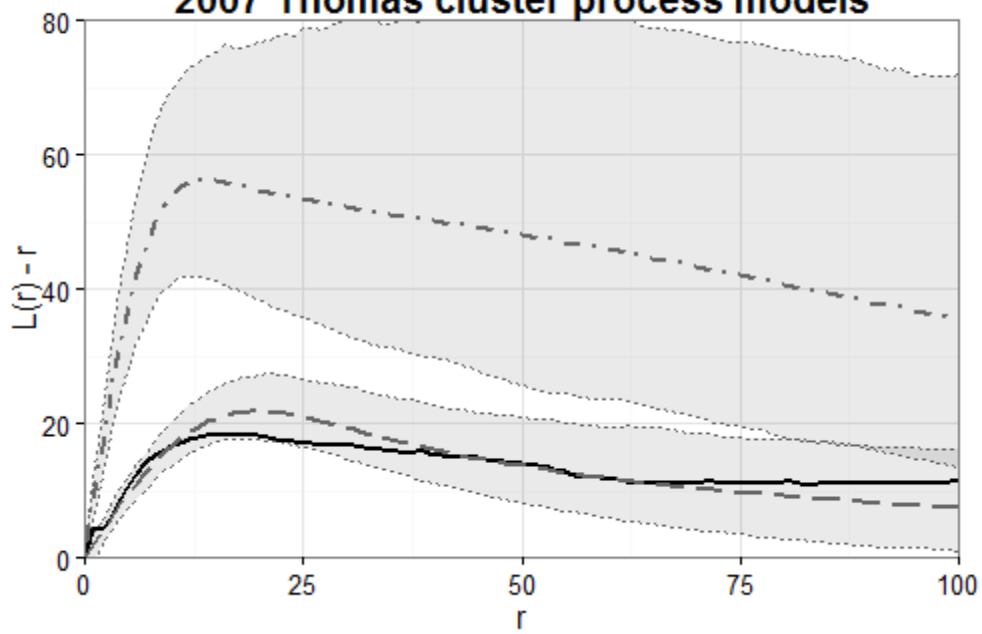
2012



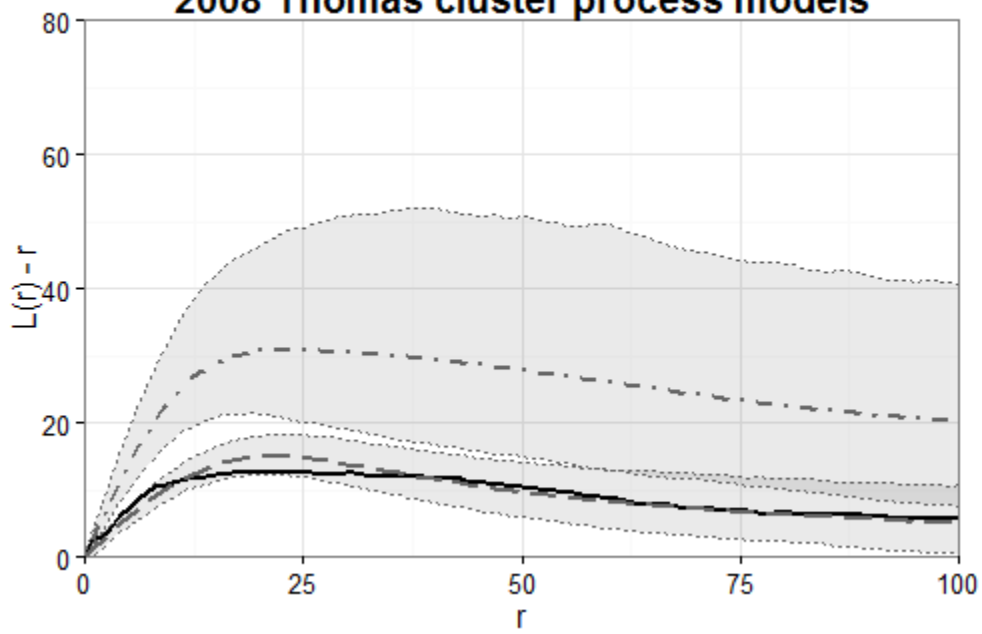
Electronic supplementary material 3: Comparison of inhomogeneous cluster model fits using the L -statistic, from 2005 to 2012. The L -statistic is a variance-stabilized transformation of the Ripley's K , where $L(r) = \sqrt{K(r)/\pi}$. The dashed gray line represents the exogenous model and the gray dot-dashed line represents endogenous model. The solid black line represents the actual L -statistic values. Gray areas represent 95% confidence intervals, based on 999 simulations.



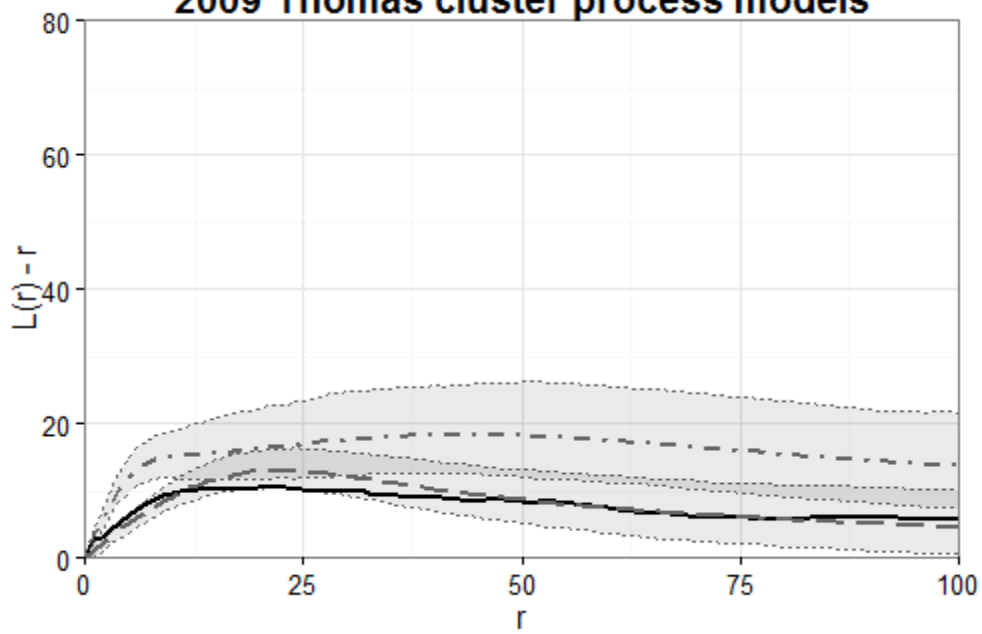
2007 Thomas cluster process models



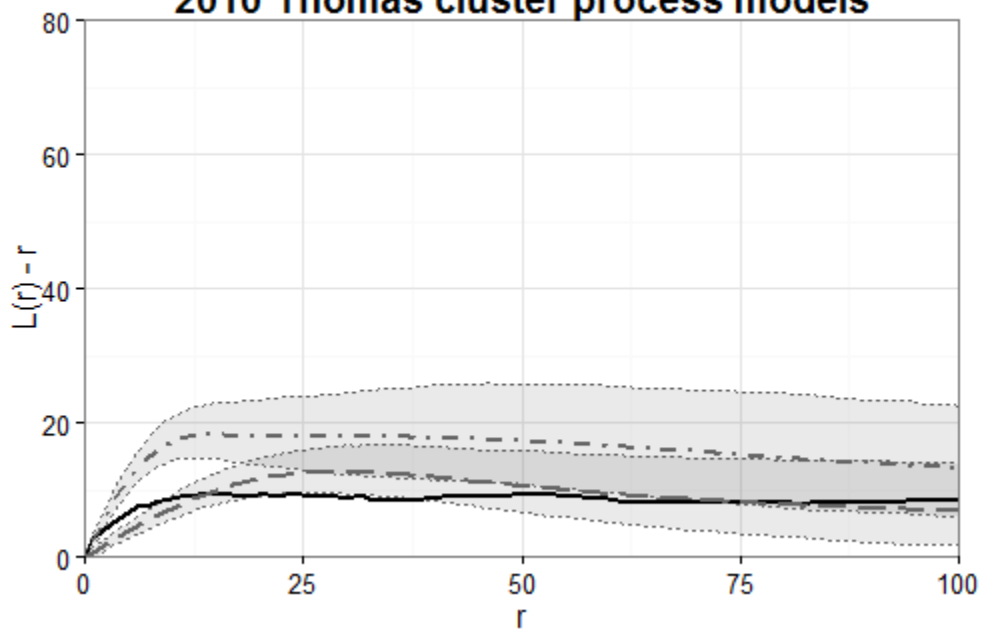
2008 Thomas cluster process models



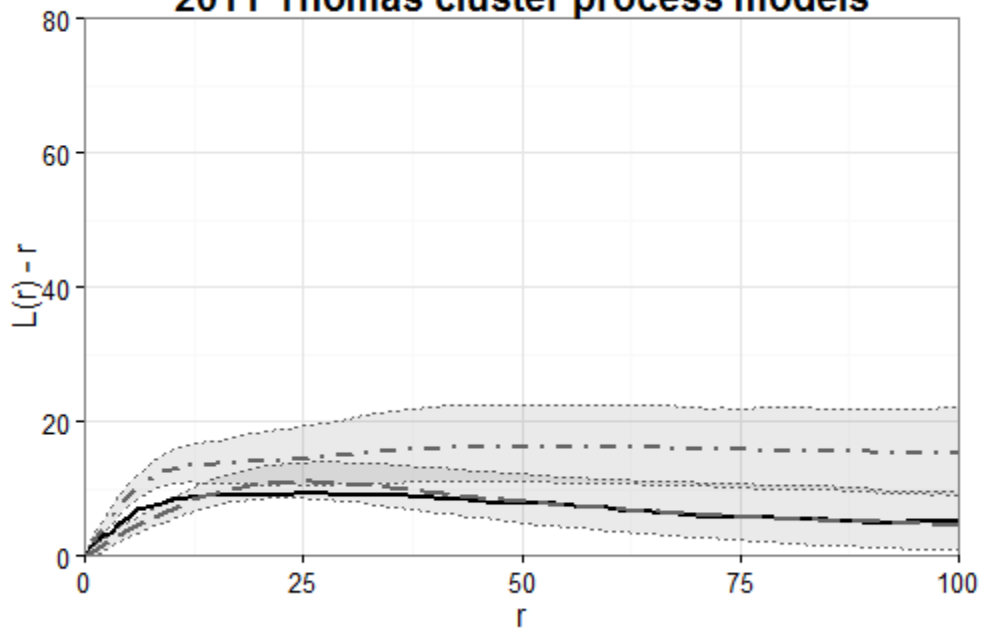
2009 Thomas cluster process models



2010 Thomas cluster process models



2011 Thomas cluster process models



2012 Thomas cluster process models

